

DESIGN SUMMARY
(Roadway Lighting Replacement)

Date _____

Route: _____

Des. No.: _____

Project No.: _____

County: _____

Federal Oversight: Yes No [Click on appropriate box.]

Location and Project Description

This project involves the modernization of roadway lighting on _____, about _____ of _____ to about _____ of _____.

Existing Conditions

The existing roadway lighting system consists of conventional lights with pole heights of 15 m (50 ft) or less and highmast poles with pole heights of 24 m (80 ft) or more. This system was installed before July 1, 1990. The conductors were made from aluminum material. The highmast poles are equipped with top latch devices.

Need for Improvement

The conventional pole breakaway supports do not meet the AASHTO criteria for small vehicular crash tests. This policy became effective July 1, 1990. Aluminum conductors tend to corrode when they come in contact with moisture. This corrosion may cause lighting outages. Top latch devices on highmast poles sometimes do not sit properly and the ring cannot be lowered. A bottom latch system is installed to correct this problem. No right-of-way will be required for this project.

Route _____ Des. No. _____

Prior Studies and Considerations

Environmental Documentation: This project meets the requirements for a Categorical Exclusion under 23 CFR 771.117(c)(8).

Public Hearings: This project is in accordance with the INDOT Public Involvement Procedures for Project Development approved by FHWA.

Permits and Agreements:

Environmental Permit Required

Date Received

Railroad Agreement

Utility Agreements Required

[If not received yet, enter Pending.]

Cost

The estimated cost of this project is \$ _____.

Design Engineer

Sign and Lighting Design Unit Supervisor

_____ : _____

Attachment: [Click on one.]

Yes No Field Check Report